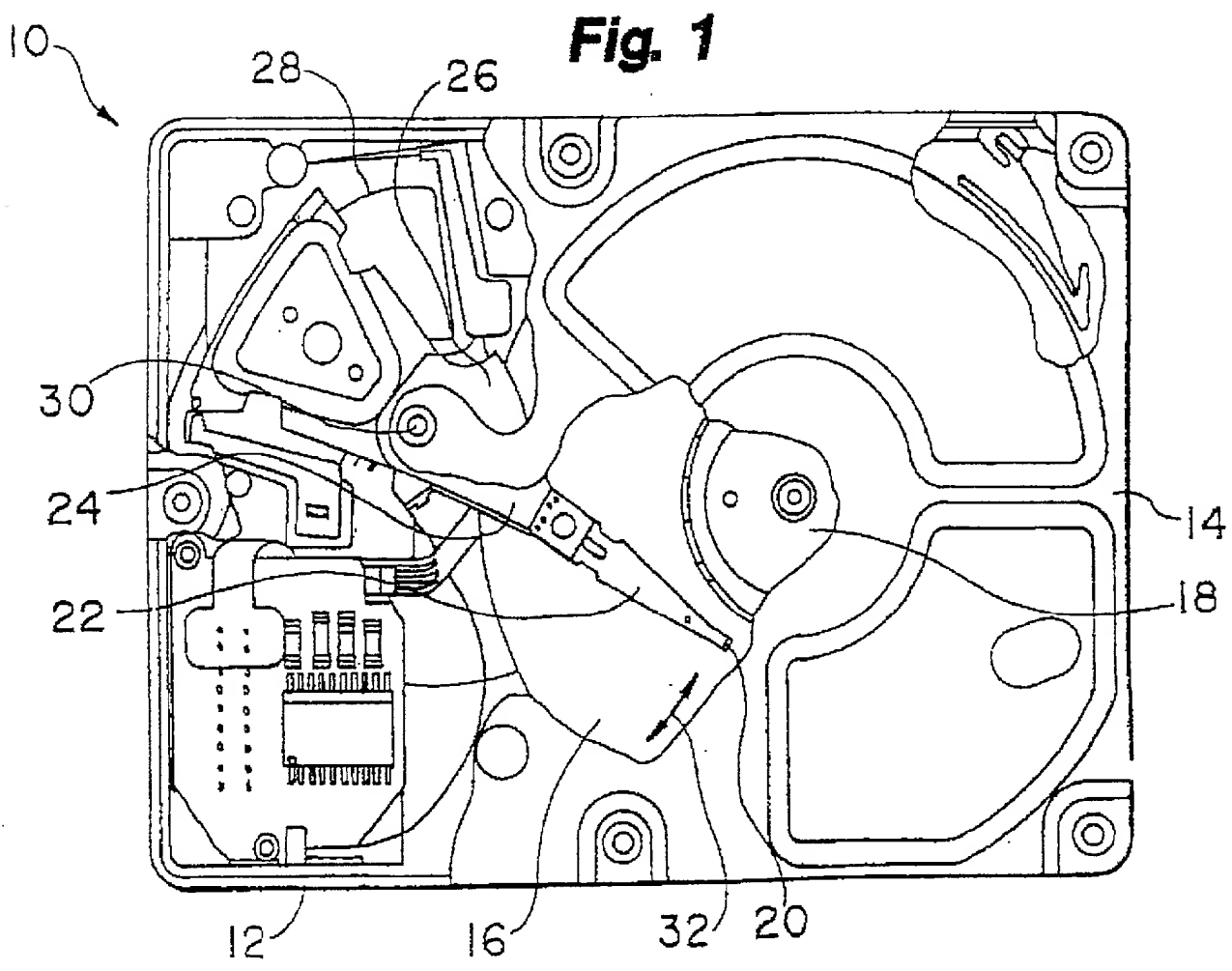
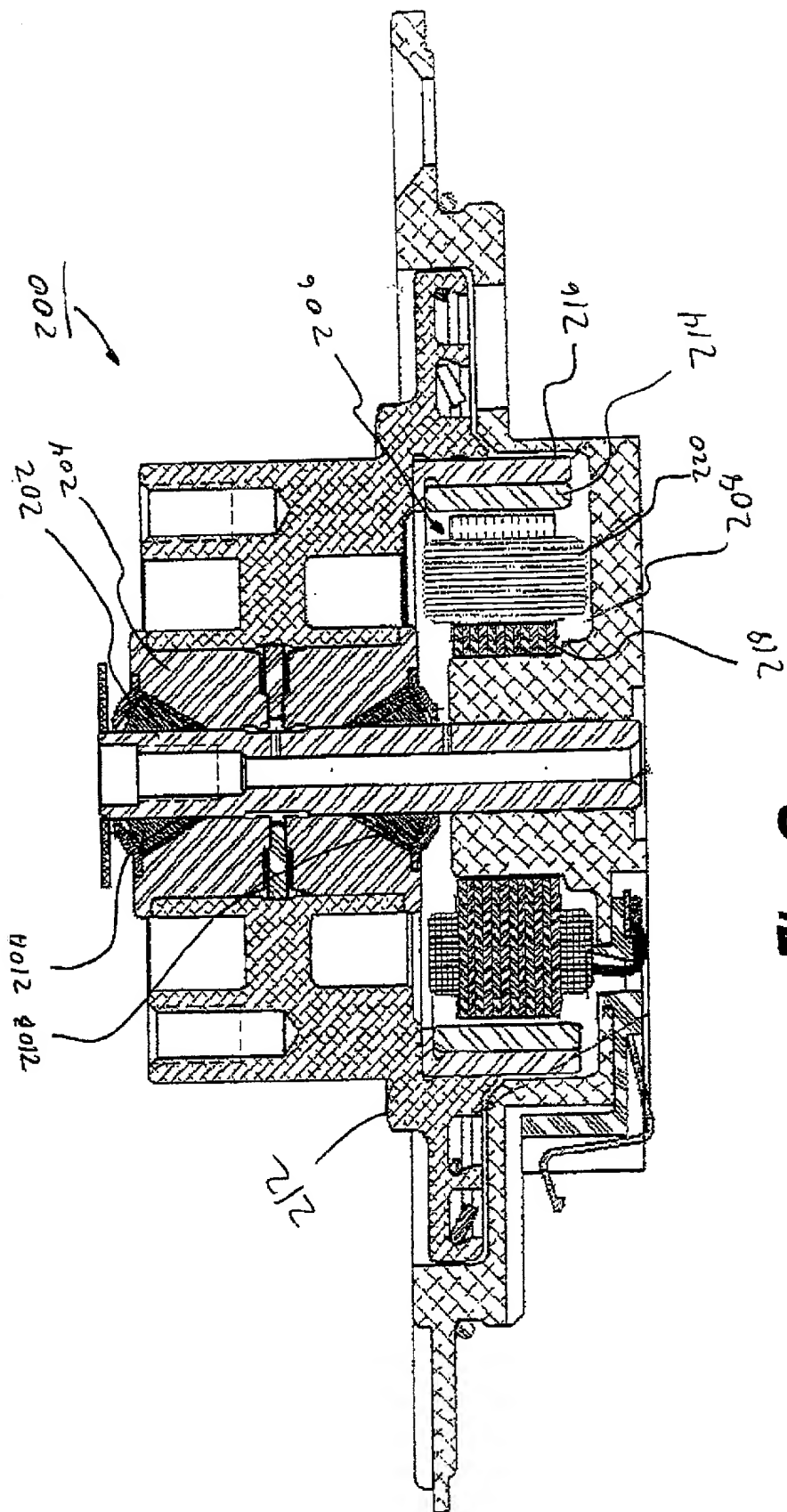


FIG. 1 is a perspective view of a hard disk drive assembly 10, showing the internal components including the disk platters 14, the actuator arm 16, the read/write head 18, and the spindle motor 20. The assembly is housed in a metal casing 12. The actuator arm 16 is pivoted at one end to the casing 12 and carries the read/write head 18 at its other end. The disk platters 14 are mounted on the spindle motor 20. The read/write head 18 is positioned to read from and write to the disk platters 14. The assembly is shown in a partially exploded view to illustrate the internal components.





**Fig. 2**

FIG. 3A

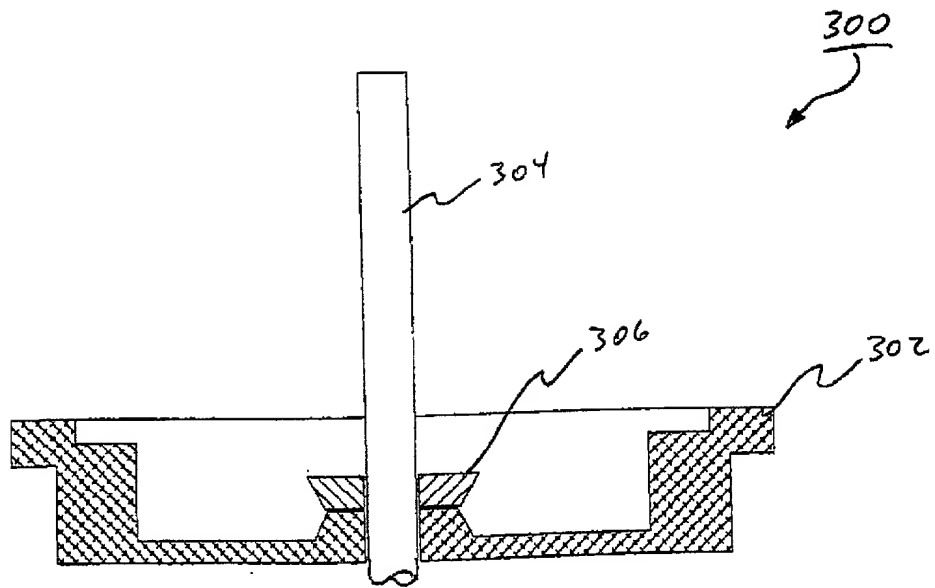


FIG. 3B

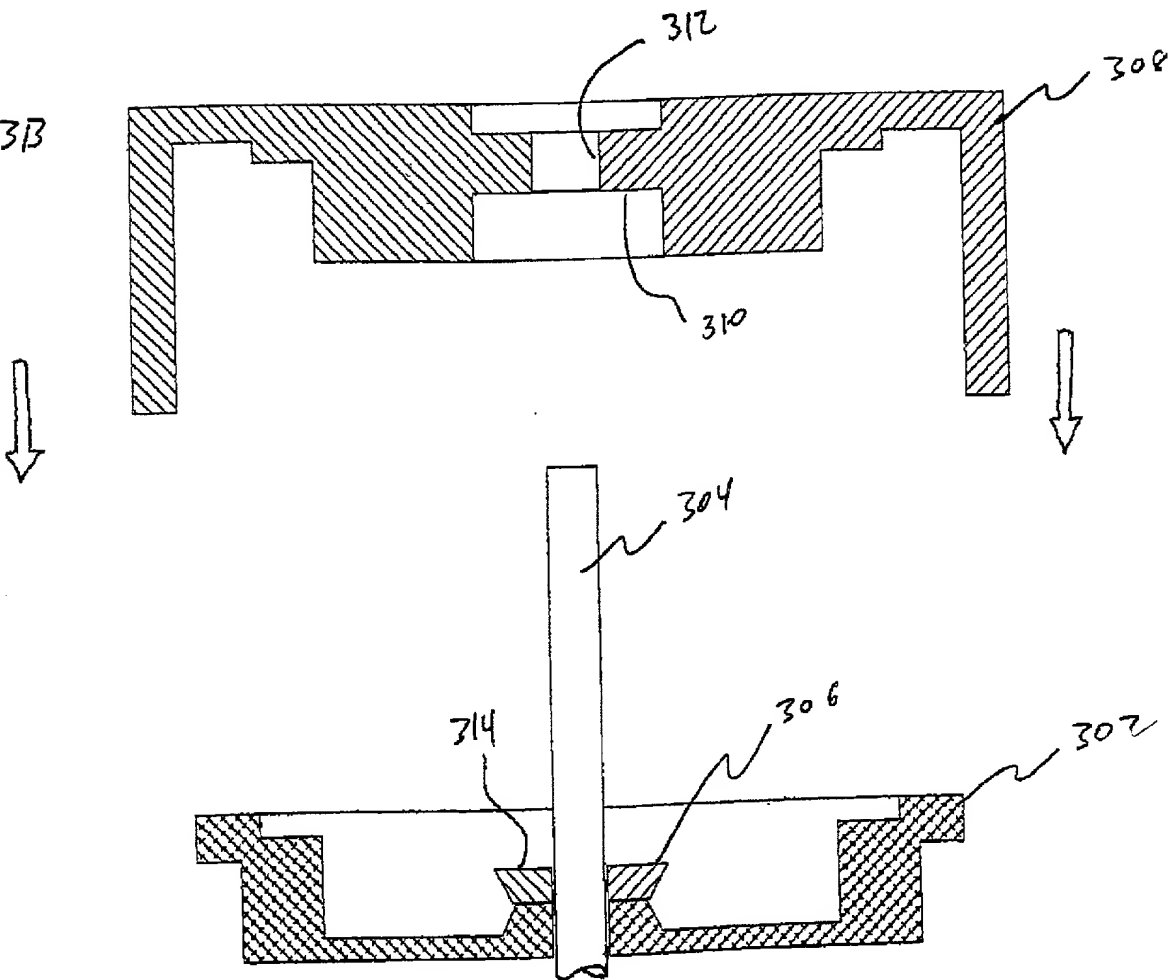


FIG. 3C

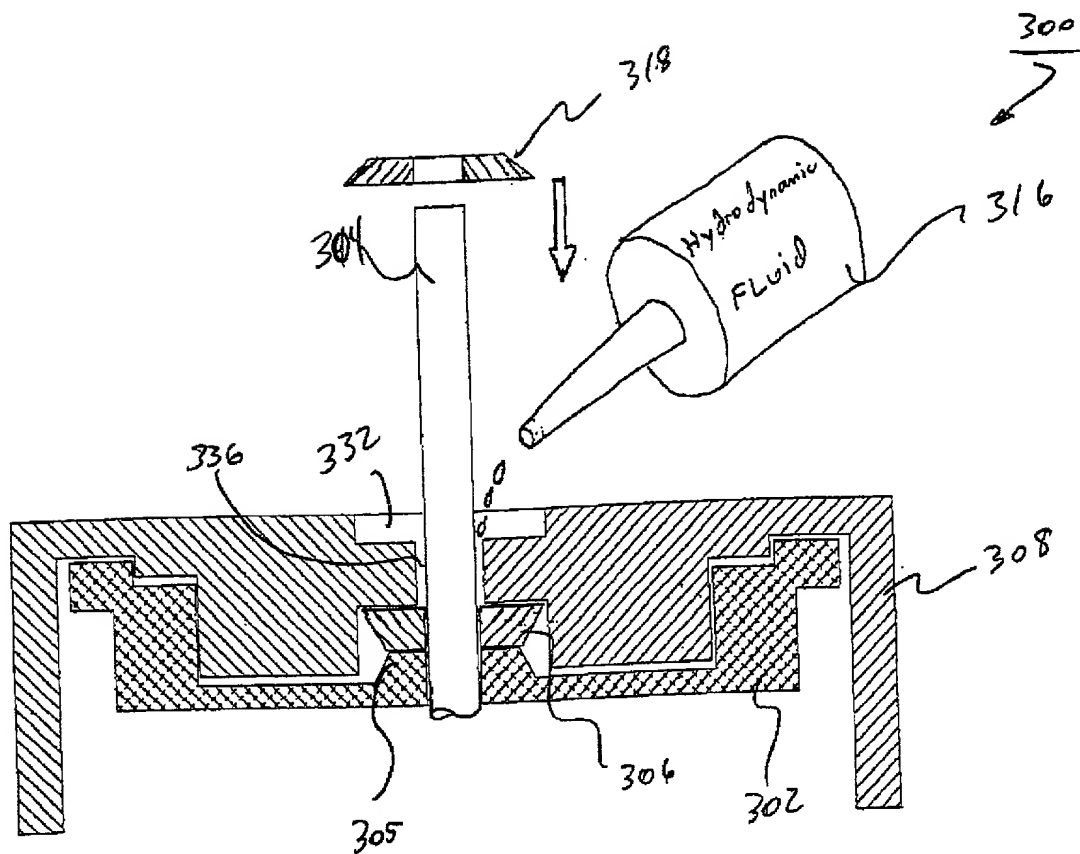


FIG. 3D

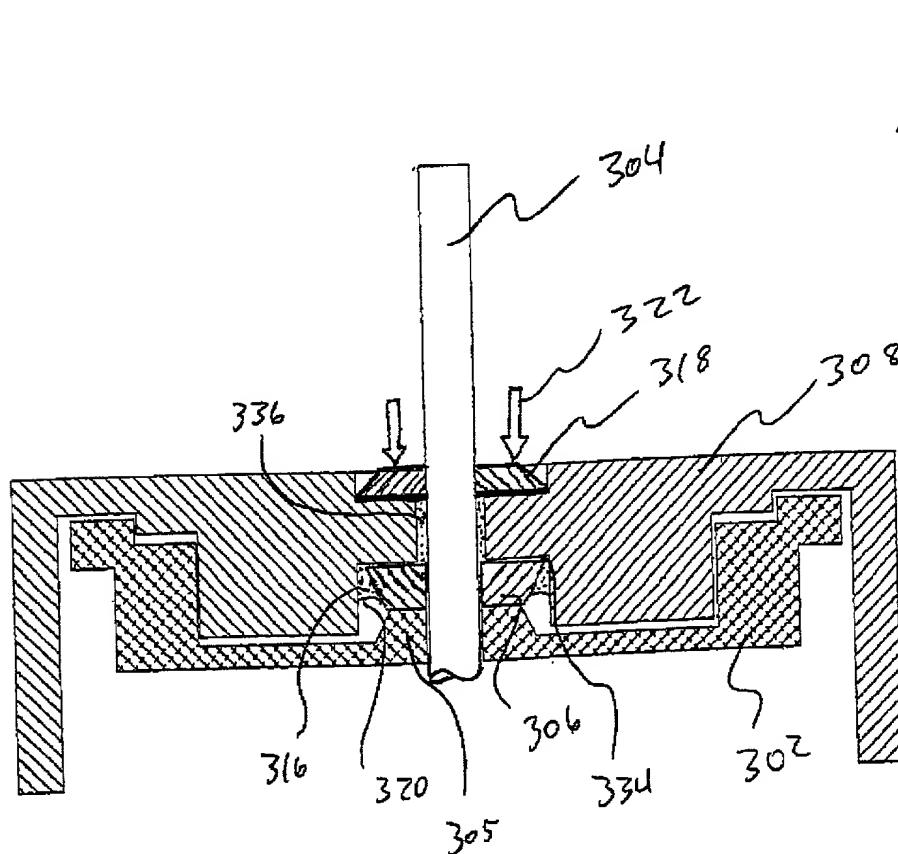


FIG. 3E

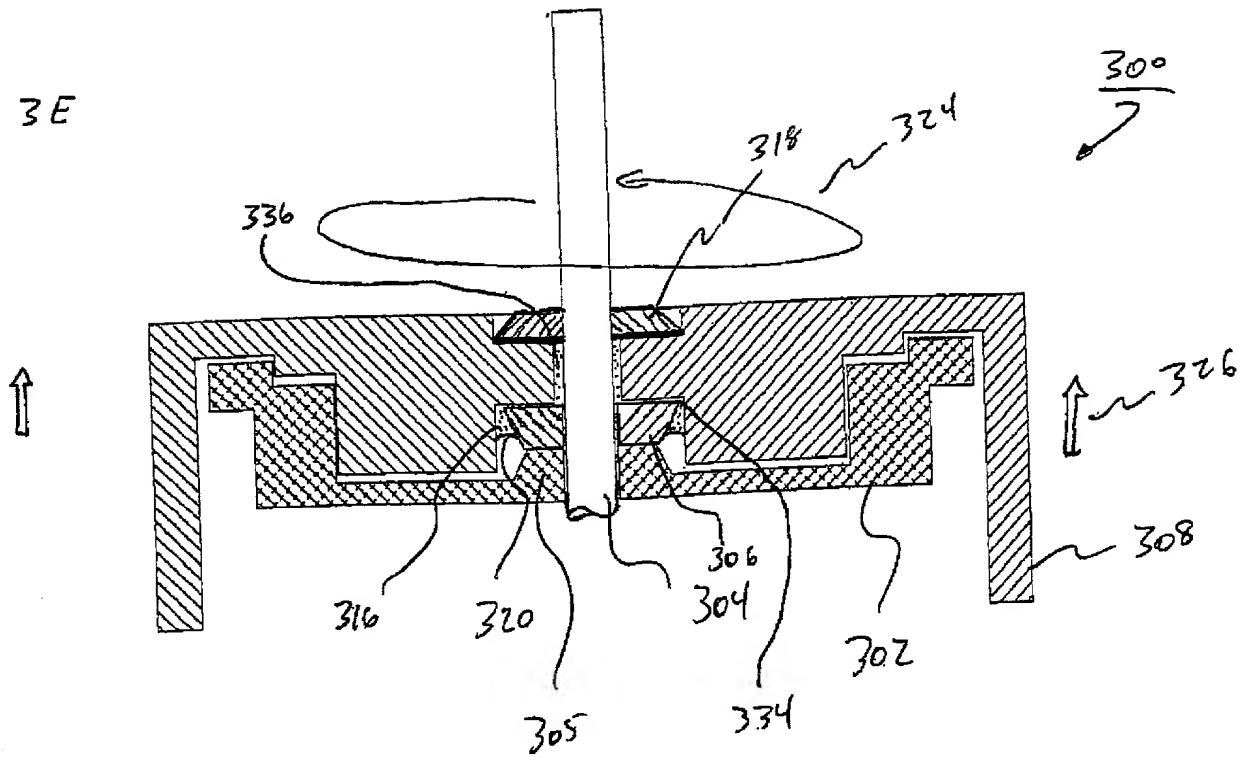
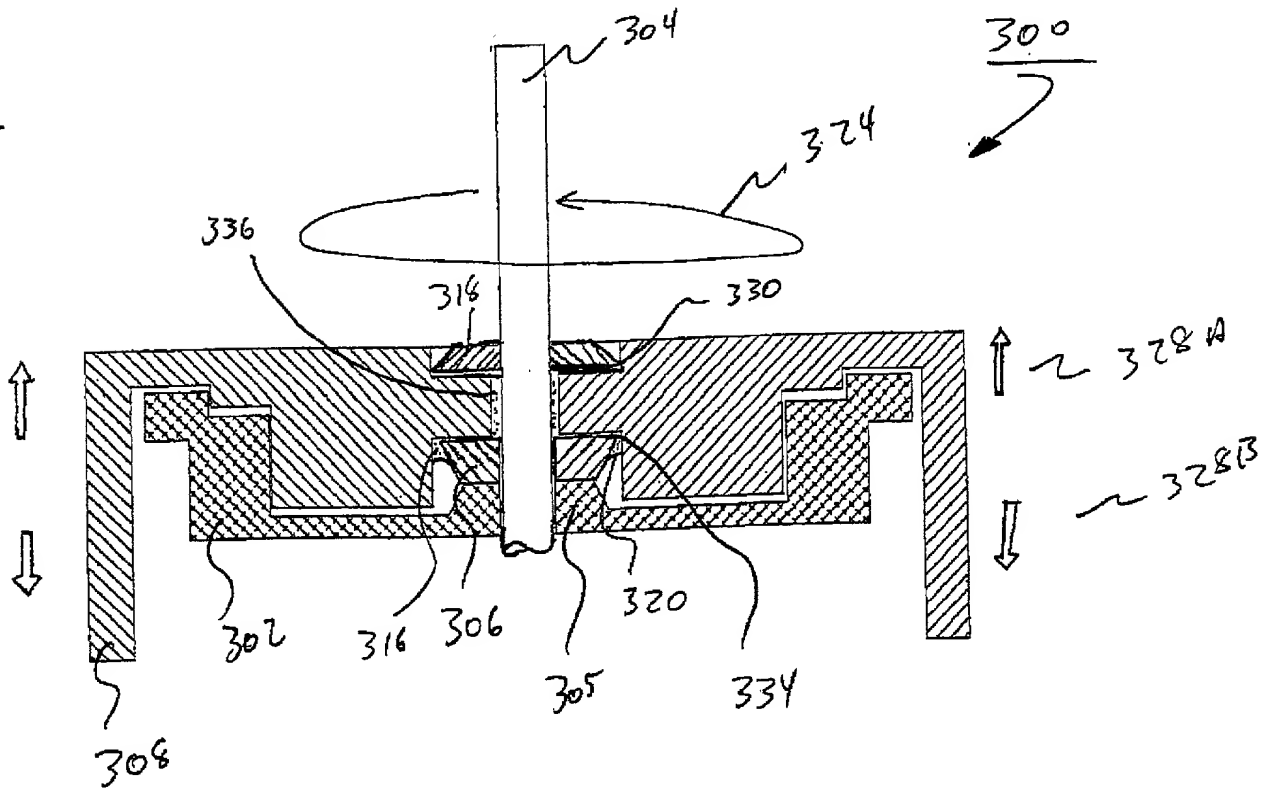


FIG. 3F



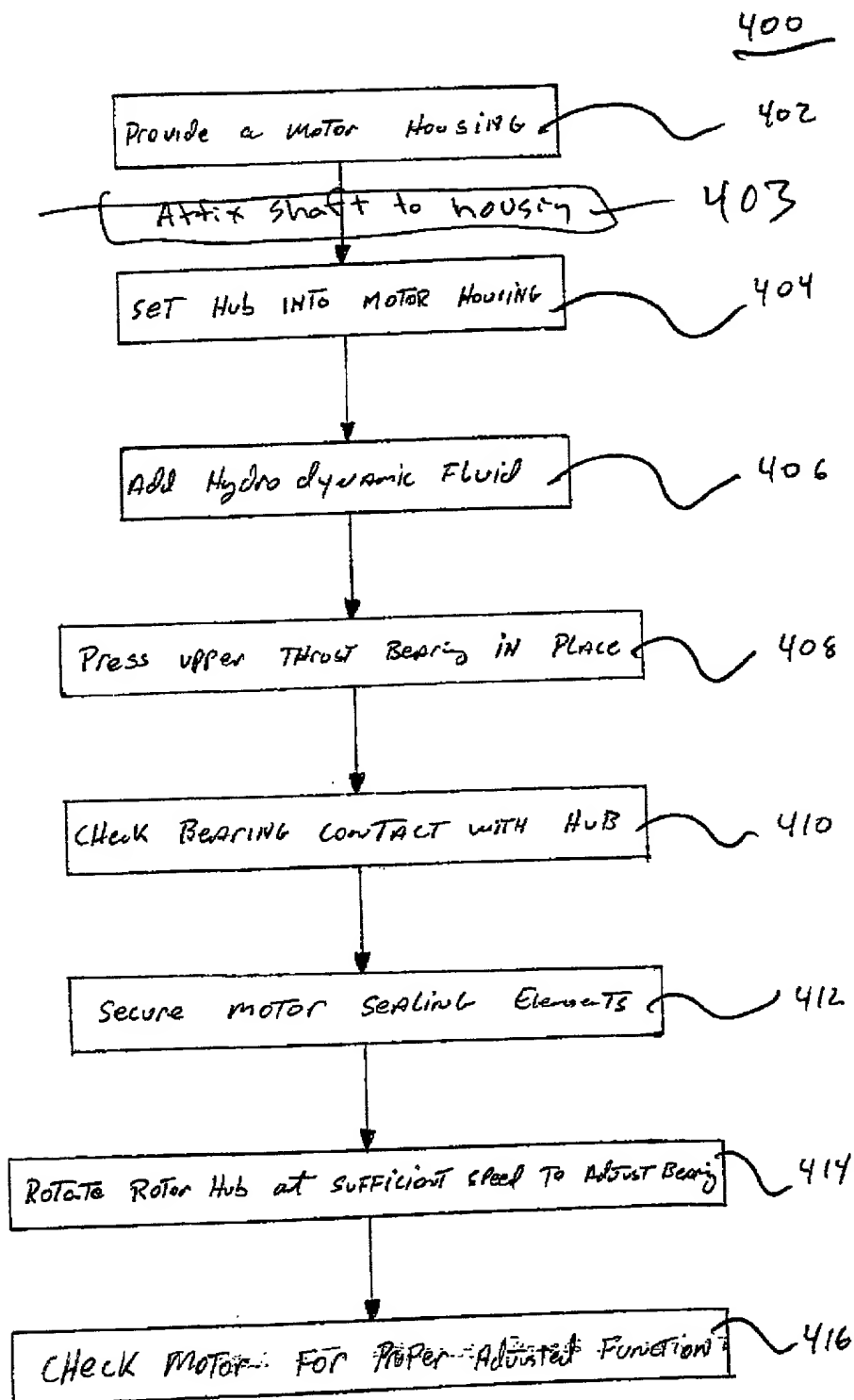


Fig. 4